# AFAIRON

The Oldest American Aeronautical Magazine

MARCH 28, 1927

Issued Weekly

PRICE 15 CENTS



YOLUME XXII

#### SPECIAL FEATURES

NUMBER 13

THE METEORE SEAPLANE SCINTILLA AIRCRAFT MAGNETOS LARGE AIRSHIPS AS AIRCRAFT CARRIERS

CARDNER PUBLISHING CO., INC., HIGHLAND, N. Y.
250 W. 57TH ST., NEW YORK
Beleved to Scientific Mattion, Nov. 22, 1990, at the Peak Office, at Highland, N. Y.

425 HP at 1900 RPM WEIGHT 650 lbs.cm

## 331/3 % More Pay Load

In a Ford Air Line Transport the "Wasp" has demonstrated its ability to carry 33-1/3 st greater pay load than the previously used water ocoled powerplant of approximately the same power.

It is becoming apparent that the "Wasp" will find the same useful application in the commercial field as it has in Naval aeronautics.

#### PRATT & WHITNEY AIRCRAFT CO.



Ford All Metal Transport



#### CURTISS FLYING SERVICE

In 1926 this company flew a total of 175,000 miles — 90 per cent of which was paid commercial flying.

More than 3,800 passengers were carned, 2000 square miles of territory were mapped, 95 students were taught to fiv.

—And all this without accident or injury to anyone. Cuttiss service is safe, sure, and fast.
Our equipment has already been certified as

airworthy and our personnel, including pilots and mechanics, licensed under the new regulations of the Department of Commerce.

Write for our flying school booklet.

ate for our flying achool bo

THE CURTISS FLYING SERVICE, INC.

Gorden City, New York



BACK OF THE

## **OROWING**



The Pitcairn Factory Organization

Back of the Pitczern Orowing is a carefully selected organization of expert craftsmen. Their skill and experience are reflected in the highest standard of workmanuhin in numerous refinements of detail and in particular attention to vital points of stress and wear.

The Pitcairn organization is producing in Orowing a plane with remarkable inherent stability and excellent performance, with a low maintenance cost and an initial investment of only \$2000.

> Inquiries for Dealer Representation Invited Complete Description on Request

#### PLTCAIRN AIRCRAFT-INC LAND TITLE BUILDING PHILADELPHIA

March 26, 2927



#### HERE IT IS!

## The WACO TEN

The all-over recordness and complete appointments give rise to the question -DOES IT PERFORM LIKE The WACO \$2050 NINE?

SUPERIOR PEATURES.

The every day companies with the accepted standard are served with the course. The New Dates Month Ten WALD with the OUICKER TAKE-OFF FASTER CLIMB HIGHER TOP SPEED

then man the WACO New is a place-fell of sofely conduct and solidy has your work water for severa that very olds seath WACOS po-More Pass he prog. or wise Friend replain the Student Visles and Student Student of Water Ten Frieders and Water's assessment Participance. He and Ad his Judy for proved the Ferrity Reference Quelity and Trans at the New Wore Yea

The ADVANCE AIRCRAFT

COMPANY 11 S A TROY, OHIO

EXPLORERS TO FLY TO POLAR GOAL IN SAFETY AND COMFORT



Wilkins Starts Hazardous Quest With Two

#### STINSON DETROITERS America's Finest Aircraft

THESE POSITION MEE, TOO. on these to design the first term of the first t West from Assessment Priori Community
The S. Stational Priorities, Q & S.
Stational Company
Asia S. Polis Priorities, State
Manifecture A Even Corp.

purchase the best planes for his purpose, Captain Conrus H. Wilkins, Commander of the Detroit News Wilkins Aretic Es-Captain Willelm knew that the Detroiter had powed its reliability is hard daily rervice on three commercial strikes and

> Stineon-Detroiters met every test. Carrying a useful lead of 2.055 nounds they teakerf in 450 feet, and when in the air. flew and climbrel on 1,400 cm of a maximum of 1,500 cmm. the performance of the planes. The Detroiter with enclosed sound-grouf, heated cables ctarter, braken and inherent stability, has set precent day atrias in

on P. Bons Connect Manager and Mend Advisors for Feel or Connects sirplane construction. It is the ideal plane for the sirling, the bustness organization and the private owner. Detroites is setrollise all planes of its tane. For full carticulars, write

THE STINSON AIRCRAFT CORPORATION

DETROIT, MICHIGAN

## WHO'S WHO

In American Aeronautics PUBLISHED BLANNUALLY

The Blue Book of American Airmen

Contains One Thousand Biographies of

Aviators, aeronauts, acronautical engineers, micraft manufacturers, flying officers of Army, Navy and Marine Corps, Air Mail personnel, aiscraft accesseries manufacturers. Sving field owners. American non, reconstitual matructors, inventors, National Coard six officers, seconsultizal writers, sportupes,

men prominent in atronautical affairs. TWO HUNDRED ILLUSTRATIONS

Price \$2.00

CARDNER PUBLISHING COMPANY 250 West 57th Stead New York

Earland along fed Ton Dellan for own of Who's Who in American Assessation

Name

Alben ......



## ONSOLIDATED IRCRAFT

LOW ULTIMATE COST /

THE initial price of airplanes means nothing. It is only the ultimate cost to the buryer, which should be considered. The CONSOLIDATED TRUSTIES and HUSKIES, from a magnerance standpoint, are admittedly the best surclanes ever used in primary training by either the Army or Navy. Their ultimate cost



LVILORED

## Altitude Performance

March 28, 1927



### The New

## VOUGHT *"CORSAIR"* I

THE "Canair" at high altitudes will outly and outmaneuver present standard Service Single-Seater Pursuit Planes.

It will not "fall-out" of tight menous on at Service Criting. Its full-load claim in 10 minutes equels, or better, that of Service Single-Seates of leaver gross hight weight and smaller unful load canasity.

Likewise the demonstrated Rate of Climb and Horizontal Speed of the "Carasir" at various Altitude Levels conclusively prove Performance Septemberry over standard Military twoplace Lard-or-Scaplants.

CHANCE VOUGHT CORPORATION NEW YORK



THE GARDNER PUBLISHING COMPANY, INC.

Someon and Editorial Offices—250 W. 57 to 57to, New York

Colds Address—Alexand

Lerres D. Genner Coller Coller

Vol. XXII MARCH 28, 1927 No. 13

#### Index to Contents

Abduserous Africat Bindger Flassial
Conclus for Pool Course Brook Course Brook
Conclus for Pool Course Brook
Flassian Course Brook
Flassian Course Brook
Flassian Course Brook
Course Brook
Course Brook
Course Brook
Flassian Course
Flassian Course
Flassian Course
Flassian Course
Flassian Course
Flassian Course
Flassian
Flassian Course
Flassian
F

#### PEATURES AND DEPARTMENTS



Copyright 1921, by the Gordon Publishing Company

YORK Green Memore Guitar Manage L. D. Warren

L D Warms

With the Editor
Analysing by the workledde
attention which is being given
to the general subject of sixships at time time, it means reasounded to suppose that we are
possibly entering upon an zza

swathle is suppose that we are possibly catering span as exe, of article orienter, both one overall not offerfity, both one of the orienter of the orienter of the orienter or of the related to the definite placing of the ries of attendar's it is right-foll positive in the solid of secondaries. In sufface, or navie of the orienter or orienter or orienter or orienter or orienter orienter or orienter orienter or orienter orie

prepare as any our one opting surrent extremes today. In the consorreid field, one of the reader problems to be estimaterizity solved by the means and method of covering. Or to finish your time of covering consorreid simbaps will be an great and surpose as in the coase of costs all surrey or the consorreid simbaps will be an great and surpose as in the coase of costs illustrate before cody small look, either of passengies are of med, are to be taken on or med, are to be taken on the

mail, are to be taken on or leaded, it is not unfolder that arpinen tember may be used in both the reliving and the commercial problem, therefore, the experiments on large six along arrying arrigation in slight, as described in this most, along the problem of the commercial

sources.



MARCH 28, 1922 The Aircraft Display High and Low Price Plance

HE PROPOSAL to hold an exhibition of American an enaft to Washington, D. C. conscident with the crims a waiter of advertising and of time. The

fethering Per-American Congress in one which should offer a wide agreed. The street of an inchestry. trade it is assetting entirely different. The Apprican automobile reductry bas long engoyed a fairly extensive favoign trade, and, with its very wide demonts burnings has thereof. Yet, in the case of the discrete forbeen very finated. Combined with the fast that over takely until recent years, acreraft cales outpule the trade has left the industry with a very limited outlet

where alcoraft are in demand. That we have not de-

relayed a wider trade in the Latin America In hom-

ever, an entirely different problem in which the leak

In South America and have taken the mattal steps tothe American Legister American from are observed eary much along attention to the construments and reexcities of the numerous fiving problems peculing to Soveriably better than eac freeless manufacturers form, a most fitting exportanity for the Alexanta Inches. dry to exhibit itself. Officials of South American governments will be in Washington at the time, tofor American alregaft on exhibition and in the sir. sa will be possible at Belling Field during the periodnet

for the Disclay

L'OCCATION of the buying public is to a vary large

there is often from difference between the antemobile in the 92,000 class and that in the 94,000 class, but years of experience have tragic the hoping public that the deformed to cost of algorith a ton difference to value

Office case Some day, when the burners in thirt, certain from reassed of arms. To the discrepancies, them define. pretent and will always have their market, those who can offered the refreements of the more experience over

#### Air Travel in Japan

THE DEVAILS which are published in the inner of condition inharmed in the morrosphy of the Irlands of Ningen. While Josep is not very large, but as the British Isles are not large, it seems reasonable to repthe shart distances offer source competition to sir travel. In Japan, bouwer, regardless of how good the rult. yead facilities may be and how short may be the changby writing count potents admirable advantages to the de-

#### All-American Aircraft Display Planned

Air Show to be held in Washington, D. C., May 2-5, on Occasion of Pan-American Conference

WILLIAM metrics of the Pro-Anterieus Communication Conference on the Acade Control et al. 12. Second Conference of the National Conference on the Acade Control et al. 12. Second capability in time to consentate the action of the Acade Conference on the Acade Conference

1855, totalenia, in leasures water coulded through Six moreover of the Active and Designate to the substitutes and converge of the Active and Designate to the substitute and so dente will be easily as to the public of substitute to the substitute and the substitute of the substitut

1. To hold a show of hots from and stall exhibits of nor

quested to not as historical Devictor and the north has been required and a place developed or follows:

Communicate de Pincedo Crosses Brezill Conto. Evenesse de Francis certed at Iron Leas de Co-

behave the property of the pro

been acknown. Full the fours that he had been lost in the tropical purples of Venders Treat was the had been lost in templeal purples of Venders Treat wave disquared when the tropical purples of Venders are also as the same at 3 nd year, March 13. Press Meaning, Communities of Parish few down the Amazon Street, a distance of Old velocy on March

Unique Gliding Performance
A the ramed Experiest mouthy performed as interesting
pitting emperium; in Coost (Persons; Na attacks) kin
motories plane, with a long calle, to a power delene simpless
and was bread faith the sir. When he fail mouthed neveral
thousand first alletted, he call lone and glided lacet widthy the
fails studies plane. The instance is take near in glided lacet
and the studies plane.

#### #400 for each editional page, software revenue will be rush and do reven the accounty direct organics called the requirements exceed persons ordinates. Portuguese Flier Crosses South Atlantic The Partuguese countries would pleas, commanded by

control of the contro

#### Time Limit Extended for Civil Licenses

exploring and destination patch for plate to some special community of the community of the

To Date and with \$10 miles with 40 and \$20 are want would be an \$10 and \$10 an

#### Large Airships as Aircraft Carriers

British Experiments with Airplanes Leaving and Hooking on to Airships in Flight Show Fature By R. A. dell Jim, A. F. C. Syndon Lado, P.A. Gradil

WILLIAM CONTRIBUTION to make a story for testings at a to be offered in the same at a to be offered in the position to trace for goods, or present, when it all and anyther, and it assemble that these testings are sometiments of the same approach belonging to the other expelled and being bound on the storpers, and the same and the storpers belonging to the other expelled with the properties of the same personal that the region of the storpers of the same and the same was closely to be consentioned to over out may cold or specifically and appear of the same and the same and the same and the same and the appear of the same and the same and

turn of weights, stop it was found

that, while the alother would corre

feirly large hoels, it was doubtful

shifter the structure would stead

Squadran Lender R. A. dell. Heis then an officer in the British Rayal Air Farce, in 1925 carried out some Airhde elemidicant aumeriments in the readbilities of large airchiss carry ing nieplenes which could be relearned in flight and could again make centoct while in the nir. The er Hole for this work because of his engeled ability as a recrupit plene pilet in clane fermation flysuccessful complusion of the experiments he so incerestingly describes beregith. The genibilities, beth military and commercial, pisseered in these experiments will be fully

appreciated by readers of AVIA-

the deaths shall mappe every ty rerelatings. It follows any places for which the strategy was not designed theorem; a USAD of the type which theorem; a USAD of the type which mapped competitions of Lycopes was variable, and as it recipied but 500 is, all ag, the mechan expected quite suitable for the experimental work.

We aveningd all arcelable data.

with regord to attaching a mention of an arrange of metastrating canted believes the two assumit, which belower that out down on the below created and sharing the state of the state of

I) was first that, for the first torts, the presits of the United Steles espenzeets in which a Sperry Messager was attached to a small strakes, such) not be made use of, since, in addition.

Some exponence is were, therefore, carried out with a small punish and a stire streets on a wind toward, and a solin hewhich counts of a hunteredal traces lar espekie of being fixed by two gays attached to the ends of the tracers has said ther cross braced from the corner of the trapers to the at-

The fill its arrived, as far as the engine was emportant rather muristle when everloaded with all the entry weight of the star. The corine, a Bucklore, Course, care as more the confittion make which it was experienced owing to the confittion make which it was working for these both. Another had possed on the surpless was that, In order to me the book which was 600d man three feet above the meker hend back and look up, and, consequently, had vary 1924 ldes to office the undeptide of the alphies or the sto-



faceive heaty Neis statement of or the feet wheeps



Morch 26, 292

Stagens, changing the province of extended the abolice by the digit All this providence and design took some months, but erectorily propyling was policing topolice and the avoka

under the removable of Major Sects of teste-Atlanta and an except made. At short \$,000 ft. allfinds I got down into the cocket of the DELES, a very windy and cold pre-colum, in their was shouldedy no projection and one had trapers, as the ladder always tried to horous a ecclusive To make the job states at had been arranged to stop the two forward curious an the simble, thus electration their

#### to deep clear. At a pre-arranged signal I released the book from the torquer and the marking dropped wear. By more of a value lefter I was able to release the compression, and

It, this that I was some 200 ft. below the anality and a have one belief I found I had great difficulty to exhibits up with the skip but eventually this was managed and I saw furtingable. These undergreath the number I was only this to in signals, on I surrent on Eccatasily, however, I managed to head on, but I was pring subter the fact, and, owing to the weight of the trupper, the strates was ground award to entrard property I decided to release and glide down to

the auditore. This prevol nationals and I managed to land



AVIATION









Long Experience Responsible for Almost Universal Adoption, Several New Types Now Being Produced.

N 1921 THE Busen of Assessation New Department, the effective of operation and the endameso of the started



to friday



THE HOME OF SCHOOLS. The Samey of the Schools Magnam Convert los. on Driver N. V. where Schools stream magnature

healed an and housed again with once. We have proved that so I had to drop off and avvelocity made a lander; is a field. eured and mounted in the 14f.53, and the whole gear gene andr arms. The time too additional solder recorded well-

Are in the center for the condess to controller would was bright, say 25,000 ft, and mak a markets would be far up A difficulty with the Cherab regime was that it was not a stream only with rothing unforcests, and follow for the tay to a caref, the ting would be extended, now to Care Town

that the arrabo is the long distract weight currier, and the hosted, which generally ended by eliding, with some seet, lets the assessing source. However, it was presented to comphotos, and the market was haded up. The execution name ther condition, and had at in organism in from the wise by causing the tops of the plane to paint up or down, i.e., either palling to the soldes or from up. The abridge, as alreken matcher declared, strylenes one he relevant and knoted in the six, and only near down for decking and reporter

application a regular conference of some of stady judice to The engineering training offered stolents resistent in the this plan, the student spends aftermire is workly periods in the above and beforemed above which are abled with his cowner. of station. In connection with this, accountful students On the Misson Alexand Core, the Host Alexand Co. and

Se 1921 twenty students samuel, in September, 1921 In addition to the available laboratory environment in the industry in second and to the sirently establishments in per-

penter on a non-profit beam. The Pernit Sauce wisser of York in 1825, non-designed and built at the Doverney of Afterest Division of the Fired Motor Co. and the Assembly Development Core. This is ready accomplished, due to the

To Photograph Near Yeak from Rechaster Livet, George W. Guildard, of the Air Curre, arrived in event offer these and four bunded wifes distant, from an addition of opin rates.

This well be done with a specially constructed plane, de-signed to have a utilize of 40,800 ft, and keep a steady course. despite received atmosphere. Londanent Golderd and that New York City in this macney from Rochester,

Saleure, Switzertoni, a need of Brown, Brown Co. of that country. This

March 28, 2927

then in 1925. This plant has 750,000

delivery to the States of Acco-

teachers built ferriffly according at the sine and

the stable articular state, apparents guite research

The manufacturing activities of the Scintilla Magneto Co., Sport, vice-president and sales scarager of the International Appropri Corp. After landing, the leden, who had been viding DeWitt, purchasing agent. He Black and Mr. High were that Next Militard made the trip to fina Practices in the same taken care of all service reprintments. He frodes his time. equally between the factory and the plants of segme manu-

#### Court Decides Flying Is Safe

The decrease year out of the action of a Hallywood morning who was iff to Say Progress. The management, under which she appeared, clemed that artistion was named and the show is which the was perferring. They therefore an-

A present can take and pulse, buffer, darks, otherways and necessary of the Borelet Arrive Posts, when the

Alexander Builds Englerock Models The Alexander Assemble Co., of Derror, Dala, in planning

The phone is rabled the judge flow was printed by H. A.

morely to send throughout the sountry a quantity of models of its sireline, the Engloyeth. These suchds will be ever M. J. McLanner, position twice measurer for the Alexander Arrests Co., and Willis E. Kyune, print, are at possent on

labe Cdr. sideted the new Englement, purchased by the viscous selfing sights in the states of Utah, Novada and Southern Idolo H. A. Sauct, of Salt Roke City, in president of the latter completation. Not Collargh, vice-positions and greens mesages and

A Parachute to Stop Above the Ground



NEW SCINILLAS. Three of the most paper development in Stratile retent respects. The two related mirrors show the AS-30 DS1 and AS-300 Organ: respectively for plan and reader spillade angless, notes on the self-file in the new vertical drulls advants majorate, type St. which have a final file file of the 1-2 file.

#### European Air Transportation

The Personal Representative of Secretary Hopver Reports on Development of Civil Aviation in Europe

2 THE resource of 1806, Gol. Henry D. Lendeley, first Na-doned Community of the American Legecy, under a trial Pure is Dependages, Stackbolm to Serbin and Jerlin in My fixing downg post-way days had been polaratly for the pleasanable according affected a challenge throat with encst. My permit knowning flight mm streetly burgers I

March 26, 1927

way, and borneing lightly, need up toward the sky. After Water such president organizations being a most improved right thousand makes through the net, weaping from ever the ossissingels, from pry Parm to phispassic Stockholm. you a greatest and in a man-controlled actor I you will the varied leadurages of the nations of sid Korene and the



with a mesings of breakle, region were narred and pre-

ered prograntions on around. I movely emphrace the planes and in our nemerical methods. For while we are all to meter, and come I was oblived to committee a survey to

AVIATION It was no exact for high education that prompted my halfs evening Maxion. I had been communicated by freeze

the comption of Endy, Spen, Peringual and Hanne, I now Reserve from the ser. I had samples of the flying shill of the plints of mostly every Energies country.

In these wir franch over Europe I word no special planes o

that, so the proposentation of Mr. Harver, I had special southeast from many of the architer compenses. These re-

and sriefler. They have revested probably review saffare dellars as it. Of this, bull has been just ar absented in an

friendly revery exists between them. To a degree true of but good anderstandings among these who so short a time upo were

I effected the annual meeting of the interestread Ass bar table at the Comes Person Office in the Willefundament

Yet I say reporting to Mr. Horrer that there is no con-

essentiated provipped a sound received basis, that is, hos-

But there is a kindly developed that exprise in Europe sides other voted by the respective governments or mand

ireared by air passers in the Period States-passers our Specificant on a basis of males down us the subridge year atmo. But so far sa public orthogene for an aerocantic nearrow or conceptable and by that I more the expect of

I am not decrying or minimizing the importance of our where it Europe are there "neral taxa" operation companshie to car own. Nor did I on any evaluate of the run person naturely of sirveys that now carry molt and express

firefu facing med hours. Engines which appayed as noth hel-

March 15, 2927

engines. Airport to read that it major process. It requires nearly an hoar to read Growles or Le Burrett the air teleading old world capitals, and light wooding for pray to Wherwor I visited in Europe, persons requested with my lim was remember the name. What should extend a Whothe month to emphasize a wind feeting-the occupance of

money roles, which saids to the resthiness of the passengers. If in worthy of comment that the resonant facilitation insarphons of medday type and in Buckley the harm-never of exchang the Alber produceds; bushead and sould development east of the Shine. Free from the financial harden of a nefficial nameds, the new republic is devoting the nature of the British and French laun, it is Groupe otherson

Due to the publishes which I have mentioned, or temp! obsecur when the time element is emissioned with the extra mercially handowayed by compelifice and greatry, to the maken finencial disafferatings of both Sertish and French Flying less its pleasures greatly mercanel by the comment

lines are beginning to pay. Others see the disc, shortly three, when darkin will become enough. Mr. Higger belowes

at transport praces, got answerps of horse provisioned methods to refuse capital investment, the manufact hards propert to refer the weekless of agriculture in all variables of

lene the immediate at



want on a second scale-expelled of patriolic reharms, the



AVIATION

#### The Japanese Air Transportation Program Four Civil Air Transport Lines Included in 1927 Program Mail and Necessary Principal Lowls

RECEST Japanese vantar



of the Asski Newspaper Com-This necessary also specials a week and the opposed or the

route which connects at Dunka with the lines to Tokin and Senden. The distance of a little oney 306 online and negotianess specially built for this service are used. They are all the records from The loss of secretal by the Mirror Habbah



## Winter Successful for Embry-Riddle A rest surveyful Winter, from the stratgered of com-

of Louise Airport, Contracts, Ohio. Darray the reason than probages taken above the Mus hans, at about 10,000 ft. offi-The trubes students conducted by the school since Dec. 1 hausen. Ware planes are aveilable for these men to fir at The resumery placed a new Waso phose on Fountain Scenery. the main intersection of Felich and Walant Streets, Clarknets which attracted the attention of Middle records a dec. the Masio Hall, where it staward assessment's attention during the work of the String Cleves Lankon Arrost sizets now its record Summer weler the

direction of Major Hoffman, of the U. S. Air Corps.

## Will Attempt Trans-Atlantic Flight

Ireland Appointed Waco Agent The Ireland Amount, Inc., of Garden CRy, N. Y., have here apparated agents for the Ware simpleane, manufactured by the Advance Strength Company, of Teo. Obs., The conpany will conduct the agency for fewer New York stets, Long Island and Northern New Jessey. An well as handless the agency for Warre, the Indust-

versaft, los. val remine in manufacturing operations to the Notifice of sentines. Fairchild-Caminer Design Competition been School of Acronauton of New York Concepts, the hean business of Assumption with the Williams will be assured hose bundled dellars. The first going will be \$150, the second In effecing the awards to the encountfield students of New athesisatic support and approval of the United States Way,

Shegges M. Fugshill, of the Pulnshitt-Conjunc England develops and plans of the ecutostants. Drawings must be in in Fred. Elective office on as before May 15, 1927.



AVIATION

#### Johnson Twin-60 Grows in Popularity

Slightly Greater Power in Production Models of This Torn-Engined Lightplane is Appropried

FINE ZORNION TWEN-60 year center, twen region lights ranged for, naturing a solution to can profiler. The new copleas, manufastered by the Johnson Award Corners. non, of Jurtan, Ohn, which was defin described in the or life and higher propellie effects one Jan. 2 was of Ayatrue, has necessed interest in all question. Among the uses to which the Twin-40 has been put with First Company, and many others of 66, rt to beged, will be equipped with neces recurred anymes, predictor in an E. A. Jahanne, president of the John

March 18, 1907

Quella Wrets (bib) discussing the Twintie

great sworn has been photographic work. Motaus protuces have been made streetings to thereve the year and the The Twin-68 of mile to 18-000 it in

ther then industrie new tembers to



#### The Johnson Twin-60

(Continued from page 501) landed the plane recently ro the Miner Breez bed, the morr being low at the time. Backs, delete of all kinds holes, and sell spots littered the ground and there was a high lever on one tide, with river or the other. In spric of the adverse want and ground conditions, the little swight, legen wheels

#### New Tire Developed for Lightplanes The N. P. Ouedrick Stabler Company has not encounted

This row are his been brought and printrally to ment the harpely to a lark of suitable content. More attention has helps estremely light in weight, but presenting unficient strength to proof backup shocks and give dependable service



## Goodeich Develope Rubber Lumber

The R. Y. Bookskin Commune, of Alexan, Ohio, has developed board" end, up to the present, has been offered in the mannnonetically the same as word into difficult regular or curved "Armbeted" researce of two shoets of kand rebber, each

shoul concenterable of un took thick, between which law a layer of pancer, but non-conficult, composition, all these parts lauded. But majorial cut be molded to different shours when Rabber has a unfaced freehilder and the retretion of much of the quality in Aresbergi, Guodrub cagtmen claim, will peore of great hereis to freeings construction. The streams set up in a familiary, when building, say many hards to be als-Tests conducted show that the rabber lumber withsteads to brokings fewer was squal to wood of the news thickness candilly at the pottent place, had the Goodstek Company in

#### Will Assessed to Recenture Endorance Record East Link Weds, of World-Floris from, and Clarent cudarants proved for the United Photos, if was announced on Manch 15 by Charles S. Levras, Chairman of the Board of

The place is a Weight Biddens color recordence, fitted with providing tooler for 400 pcl of fort, and provided with is which Chartes D. Chumberhan few to Weshington to house, carries of passagers, and making the trip. cornery, carrying on passagers, and making the copy of You nive colls for felly hours' continuous firing, either over for the tribust. Detrend is now contared in Depters Beach ne we record Interest is now enterior in Daylon Beam became of the summy attempt of Major II O. B. Separa-to mide 200 mph. in his 1,000 tp. Nystery Z nationalshi-nam and for the masses it is Bought propellers to hold the If the place flat at New York Ody, the flight will be made and tensiral, at New Bennanick, N. J. Dresday and Londry, Preach print, established the parent columns round of 45 hr. 11 mm, 50 sec wife a Parmen

backers, with Ferman 450 by enguse in France, Aug. 7-3-9, 1935, covering a distance of 12754 miles SIR DANCED AND DARK MAUSE STATE The Route All Minister and his wife who on Pell 11 con-ciond a reason sole flight from Lendon to Leids and reco-fficiently in lank way the fact set the Lendon Lendon service That the in lank way the fact set the Lendon Lendon service was at the Legarial Access, and was note to 2 fell of the Legarial Access, and was note to 2 fell of the Legarian service and the Legarian service.



#### The Meteore Three-Engine Flying Boat A French Cubin Type Passenger Flying Boot Designed for Trans-Mediterranean Service

A 200302 THE major interacts which Proces has an the development of cord air transportation in the creation ard mirrors are fitted to the tan planes outs. Wishe the de-

The flying book hall consists of an outer layer of teak wood, a layer of color, backed by a layer of block. The a practically flat bottom wife a very shallow You. Write

hack beyond the traffing edge of the wages. In the year, the depart or a year or the interplace portion with the three tree ter respellers operating in the middle of the pro, which, bethe wide mobiles on mountrieful discourse which does not stead ofter to pagerflow of the prosegonment photographs, in concreted complicated and major to expected to add consul The reason details of the readunctmenther with the mann

ten are the

hord News With It would be to the	
the heigh	
School and the second second second	

AVIATION

lové 18. 1977



Loening Develops Single-Wheel Amphibian

of chance on a land projects and abouty here inneve to the set from the early work of Delices to France, in 1812. Longgoar on anabibles sireleses. In proceeding a propert to the Army Air Cores for the construction of a single wheel Amphibhan plans irrelving his

T Will be of percel interest to the evention world to the land would be practically identical to the operation of a





#### British Maneuvers Show Value of Aircraft

The Drivin power, conception on most Kernl meneuron. It was said that in orderry weather the strends greatly

#### Flight Holes Deafness

Change Chapharian salebus a Policy stone, reverse weth a Wright Wastivant captur, on Musch 10 Inch Must Later Geld and Dr. Penl V. Wicolow, on our specialist, 15,000 to that altitude, he came shorts down to 7,000 th, climbed to 13,000 ft. and then made a sharp done from a height of 5,009

National Elimination Rallson Race The National Elucation Salions Sec., for the Laterchild Touche, will be held in Almon, Ohn, May 20. This man, offers becales the Litchfield Trophy, five paters to the winning third 2000, the fourth \$200 and the fifth \$200. In addition

of each bulloon starting in the mon. The Litchfield Trophy is avaided such year to the elegiter other approved organisation, who the Labelded Toroglo The race will be open to all persons couldnot ander the present repulations of the MAA. Indicons and their fall

3 00 c'dock, April 20, at which hour free cetries will be shows, one handred inflast harm for paratice, around sloth,

## An Airport For New York

As prepare which might be favored to private air transport saled in give their ideas. Among these who acquired believe the committee were Harry B. Chambers, of the Iroland Airemf: Country: John Dwelst Scilings, of William E. Arthur Needly & See, Martin Dodge, speaking for the Merchants Northly S. Son, Margin Longin, speeding for the months and Assertation and Alexander U. Mayor, of the Northeast Basin Mr. Character tail the structure that on acrest would Cools 1881 and Ferry Point for uto. Mr. Neglty surperted on export in the harbor. Martin Dudge thought a nile near the Postophusia floring would be a favorable location and

The committee and as its report. "The elitation is asked inarportation froddies need have to be carleded to the of the board he requested to formed establishes as to the east

#### Flies to Visit Parents Livet Burton M. Havey, jr., a graduate of the flying school at Koffy Fools, Ten., peed a vent to kin percent at Whele Flore, R. T. recensity to an Actory payment place, drying from Softman, Publ. Despoy. to Matchel Fluid, L. I. to 2 to . 58

Medical Certifications Necessary Photo who wish to receive credit for field companion to

Mail Pilot Flies Entry for Paris Flight Chertes A. Londberg, on med print from between \$1



Cupi District A. Lindberg air mad plice, who has made a but the Husenand Oxfold Investifation prints. As his right in F. Maintenp, promoting of the Ryan Aircraft Comp.

## Foreign Aeronautical News Notes by Special Arrangement with the Automotive and Transportation Divinions. Wiled

Danish Air Part has Action Your The Copenhagen Air port has just made public its statist-The total number of passengers carried to said from the post during 1936 aggregated 7,785. Average at Copenhagen

Sourier Airlines in Turkesten Recressive From March 3, 2807, the first line well connect Tachbout th Distriction, via Constitute and Terries Press to Discharabe taken only six hours, while by and and automobile

#### The European Civil Airlines - 1927



#### Side Slip

In discretice editionally the great number of recently en-

The various and construction of human values we after

Pane Was Aid to Person Mane," as the country on

The mechanical assistants to Commander de Paredo en la Pene-Contracte Flight new to be congressed on their speed and aliently, if one is to believe a picture appearing receipts in a New York revenue paper. The test denothing the pic from the Cepe Verde Islands. He Pyrode's place, the Savon as above, hitting the water." The photograph shows that a the performance of the Cultiforum form who prouve londing

the commercial flying resignation against the dropping of This brings back verager days to on, when we had built

\_\_\_\_\_



## AIRPORTS AND AIRWAYS

The New Kazasa City Airport upon the anniability of any pertunder wh The Are Corpo Reserve Officers Association is made up at

sition, size and accombility. It is a latel green better level for your office. It has the Manmori Wayer on those pides The position of the row field in the head of the Manager When public renumerous that run's though the press, the many project was received with enthrossus by all hand Coder Regids Airport

Mesonouth, ill.

With its are aspect attended in an area pendant's adapted



#### Sales Manager

Pilot not essential.

A Leading Conserved Airplant Many factures Company will inmediately install at head of all Marketing and Advertising an Executive capable of broadening ten and promoting Publicity and Adver-

The expectanty is BIG. The Man. ment be thoroughly experienced, capable mid-me amintones and were know the Congressial Aircraft situation should understand sixcraft operation enough to splye performance problems for prospects

Address year inquiry to Bez 401A, AVIATION 250 W 576 St., New York Core



## Light your Airport



#### MODERNIZED STANDARD II'S

Rebuilt from New Planes Perchased in Original Crains from U. S. Avenue

The second secon

Read this bargain list of Standards

Mar Bandard J.L. eliptores, without senter, fundage and page 66 New Hardred 2.1 obplies remphisip created and up, but May Souther Ji photos with Graymond contralled Now Standard J L. singlans with shedrady our ONE moon to be seen and the same of the same Now Descript #1 objects with brand new Custon CHARL Now Married 21 windows with Streetman proclambs Now Standard 21 simplest with proviously contracted.

Physics State could 3, 150 St.F. Sect. 2 class dily 1800 co. Party 1 100 N.P. may builded them give 1800 co Now Section 31, student with presented oreclasses. Mary Cortina Gridde # plants, withhout reader New Cardin School, with Streets No. ander 180 H.S. -Orașistic mandidus S.E. alujuna singe ani lail 1001 Wigh Load top Lifety model was to N.F. Labourse gates formed by the UES source and the Labourse gates formed by the UES source and the Labourse gates for the UES source and the UES sou Specification of the country of the latter of the country of the c profitient and managed Case to, with parameted over landed ECC senter. Species over transfer. With heavy a special bodd (Samuella with all lower wough to light be galaxyted abstracted when any the state of the same which is a trappin of the same which is a trappin of the same when the same state of the same of the same is the same in same arranged to the same of the same marks to be same in same arranged to action or the same same in the same in same arranged to action or

## Robertson Aircraft Corporation Lambert-St. Louis Airport, Anglere, Mo.

#### Boston, Mass. By Dead Rabins

As her of the sightful. Note May, Colonial May Trees of Tabler Director and conjugate was completed to March as more of the property of the sightful and the Philadelphia and then make sightful and the Philadelphia and these makes sightful and the Aller Marchaelphia and the sightful and the sig

ment printing Colores Air Tremport for lawing declined to carry pay passengers on neigh-regioned planes and salling public alleration to the knodyel throated selles the company

single englatengent plane. In the protes the Wifellinear Study has written define register to linear fraction and adverter not a country to flowton and lowdrateness on a flowering not an extension of flowton and flowering not a country of the country of the country of the classic flowering to the country flowering the last ten flower and a latentice of the classic to flow the flow of the country of the country of the classic tentre and demantics officially as the classic tentre of the country of demantics of the classic tentre of the country of the demantics of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the capture of the classic tentre of the classic tentre of the tentre of the classic tentre of the tentre of the classic tentre of the tentre of the classic tentre of the classic tentre of the classic tentre of the classic tentre of the tentre of the classic ten

Some offer the state of the different as the first in given in the disk plain.

The Anny Birn inguized thing been feet upon the state between the state of the st

of the U. S. Array, is so sharps of the presented.

Dycor Alpyre!

That is over once one not relevant to being bath is to districted. A fit is the problem has been by Waters Assume with one could be in the Sections of the field. The relevant building is equipped with a weather was.

An edies and a separa and stock room are restricted, and at the latter a shock of supair parts, guarken, all and water.

#### PILOT WANTED

March 18, 1927

FOR FINGER LAKES AIR PORT
This field was recently constructed
upon crois attent and controls of one new
few liber huses and squares service
that liber huses and squares service
takes 3 poly 70. http://doi.org/10.11-1

This field to be leased on no profit bain, only anothly payment of resonable ground cert to land owner required. Plots applying must have good meral character—Business shiftly—Long flying experience

All applications pending approach

Address—HAROLD NESTER

COMPANY OF THE PROPERTY OF THE PROPE



MARKET SHAREST STREET, SALES SHAREST S

## AIRMEN and AIRCRAFT An Introduction to Aeronautica

Jun published—the fiving, throbbing epic of man's conquest of the ale to dute, sold by a pioneer air pilot. Scientifically accurate—

Types of sizeoft and why they flyther connected and military future. How airms not made—systems of the complete corner of the Aury and Navy flying schools.

The book was want in 16th one of air.

"Brivers," polic flights and ocean arrange, to view the illimitable oppostments of the fature. \$3.50 A volume of the Rosald Aeronastic Liberty.

GARDNER PUBLISHING COMPANY SO VEST STOLET, MAY THAN OUT

## DURAL PONTOONS

have demonstrated their

aturdiness
in the severe tests of the Fokker Universal

see plane. Your pieces equipped with Hamilton Durslamin Pontons will pay for themselves in a very short time by taking advantage of the opportunity offered in this profitable field.

Deliarries in retation orders received.

HAMILTON AERO MFG. CO.

50 KEEFE AVE. MILWAUKER WIS

No sector whether pay here we had with explaine all pear left or one just beginning in the reflects you now it is requested to you have been and obtained outlook of Opposition in the Austral Industry



American School of Aviation 2001 Michigan Ave., CHICAGO, ILL. 2001 Military Ave., Chicago, ILL exacting requerements of the POST OFFICE DEP'T, were more economical to keep up

RYAN AIRLINES - SAN DIEGO.

PERRY AUSTEN Acetste Pigmented

Another Wonderhal CURTESS Plane The O.1. "Euleon" Observation

wings flaished throughout Perry-Austra Mfr. Co., States Island, N. Y.

AIRPLANES MOTORS SUPPLIES FLYING BOATS

cel france type to with 10 give below than please that from our complete to outline many compage sees to an all transfers [10] but not on all territorities the first -UNITED STATES AIR FORCES-

> Billio Shipath, and desiry continue to a trace, and it yet convergence to the continue or fines for SEC 18 18 25. Figures (self-Cone service self-Cone self-Cone service self-Now April ordered gold bid. In SAME SITES. Berling for gold 100 to SAME SITES. Berling for gold bid. The same site of the property of the Physics of the Same site. The same site of the same site of the same site of the same site. Same site of the same site of the same site of the same site of the same site.

good beforder with Viviney and below \$14.00; industry with \$6.00 for \$1. At heavy \$6.00. When or harden believes in \$6.00. Bender his below \$1. At heavy \$6.00. When the relative his below \$1. At heavy \$6.00. When the relative his below \$1.00 for vivineshing \$1.00. More relative higher \$1.00 for The state of critical will not up the Courth, \$240 to \$2.5 Mindges, which tippes seem in of an 10 to 1

All nove for Find Green's and All Ranges, Old, Ollie and many FLOYD J. LOGAN AIRPLANE CO. .....

Other emiliated revisionly accounted copyly house in Associate 216 W. Sanerior Cleveland, Ohio Pleas Chary 8840

Continued accounters of the troops of the decoul Division.

Air Cores Manourers in Tease

sky and manager. The price, one Charles F. Dyorg Ed

and the conduct of spenishess of learn aude to promote the Trades Deveso, Assets & Bouckey of Wer for Assess, and the following statement. "These measurers have four

When then of the Overcothir Arbeits Co. of Darrie, Mich.

SWALLOW WACO





Order Now for Spring Delivery PRIVATE OPERATORS much the di-

and operate than racey to called, "Commercial it was well warfs they tree awateston the memoring of RYAN M.L.

GOOD YEAR

The Goodress Tire & Rubber Company, Inc. Akren, Ohio

Shirm

Everything in Rubber for the Airblane

other type, (first), at test the adequacy at hombourg and alther femoulous by though from alleading by proude framalines, not, frusts, is one are adjusted below on opentions of the state of the state of a special proper of plants are output on antibody of specialgroups of plants are output on consequency flights ranging from 1,500 to 210 bills for pre-amounty flights ranging from 1,500 to 210 bills for pre-amounty flights ranging from 1,500 to 210 bills for pre-amounty flights ranging from 1,500 to 210 bills for pre-amounty flights ranging for the state of the state of the state of the state of the service mergen lie possible inhorated, wender and other states. In was, and observed to the demargingle, but to measures, the pregner and not pre-amount of the propose time industry with the desiry of wavier and filters.

Stops will be rinds on the northward flight by various plane formations at Washington, (Belling Faid), New Oc-

FORMERAD MONTRALE

Gutthire-Villare of Cit,

St. quai des Grands-Augustins (6')

Paris

Paris

Grands of Grands-Augustins (6')

Faris

Grands of Grands-Augustins (6')

Henry Bouché

SUBSCREPTION RATES

For Charles Confidency, Orleans, Creat Consisted, David Charles Ch

Fort Biley, Knozen, Fort SH, Dhishman, Furt Laurenmenth, Knoze, and Furt Limente, Suespeit, for the heard of officer objection than mixed: Bill benchmark place for the various foresting proques. Bild benchmark place will larve Loneling Post, Va., May I and present in Brill; Fald My vary of Bangon, Weight and Boots Disk. Fart. Hory, Furt Lavrencemb and Fart Bill is obtained of Life Science, Fort Lavrencemb and Fart Bill is obtained of Life Science, Park Lavrencemb, and Fort Bill for Fort File's Fart days, Furt Lavrencemb, and Fort Bill for

Instantaneous Results

Title Dahoy Malle Company, Day of which was a few of what a subjective for the few of t

"We had already when the the od he year two times, but they we set memory et all.

"The demand for most Wasse in large; harven, we had no lifes of second

Results have made AVIATION the best medium for buying solling or exchanging notes. These phase well agreed too stay at 1800. Fig. 350 are and Fart Colorate and any converging at 1800 per 1800. Fig. 350 are and Fart Colorate and any converging at 1800 per 1800. Fig. 350 per 1800 per 18

ANNOUNCEMENT

HUFF OALANO AIRPLANES, INC. of Bristol, Pa. her effectly been charged to

KEYSTONE AIRCRAFT CORPORATION

The Congress instruction is progressive analyses guideizer of the Defense model cape on the true has obtained with the Device control of a prompt highest work of the Lorentz again, and the Congress highest work of the Lorentz against control of a prompt of the PELECACH papers correctly known place PELECACH papers correctly known place PELECACH and the superior of the Device of the PELECACH and the papers against the period of the PELECACH and superior of the behaviour place.

An police assessment for the type are order development.

DOPE
THE MOST ECONOMICAL SCHEME

11-1 W

TITANINE, Inc.
UNION, UNION COUNTY, N. J.
Cambacher is U. S. Generator

Keeping Abreast
of sermantial satisfass is profile only by mading
AVIATION

made work: Yearly subscription rates: United States \$4; Canada \$5; Foreign \$6. AVIATION

NEW YORK CITY

TRAVELAIR

We could make cheaper airplanes, but they would not be Travel Airs.

We could charge more far Travel Airs, but that would not make them better.

Ash far catalag sharing the serious models.

It suggests the solitor.

TRAVEL AIR MFG. CO., INC. WICHITA, KANSAS.

> If You Live In ILLINOIS or IOWA YOUR

SKIIS

Ready for Delivery for Planes Up to 3300 Pounds SEVERSKY AERO CORP.

SEVERSKY AERO CORP.

Disigner of assessment processes instrument, for and feathing matter for more tase? Livener of landing pair for an on same land and water 7. East 62ad Street.

New York, N. Y.

Biglet of the treaty offices planes at Part Creekett and po-

Effect and two such at Fart Sill and Fort Leavenments.

Billy an May 6 and persons to Kelly Faid by way of Fort Learneworth and Fort Sill, a distance of Sill saids. They will spend two days of both Fort Levrannesh and Fort Sill.

here Bolkup Field on May 2 by way of Buryon, Wright and Scott Fields, Fort Bary, Fort Leconworth and Fort Set, a distance of 1,050 soles. There days will be speed at Fort Eds., the days of Fort Leavenwith and Fort SEL will over-

In middles in these, nine plane of the 12th Cherryton

The date of the completion of the new absent regrices

of the Lexington, building at Quiner, Mass, as Nev 1 and the Rentage, building at Country, N. J., as new Brits! for completion on Oct 1. On Mass's 1 the Lexington was cell-

Dask Plond E. Chillowy, Air Corps, Laughey Field, to

Fast Lond Noof P. Gelbooth, An Coops, (Fold Art.)

for Lord Station II Bindgman, As Curse (Condry) re-

officers' let, upon her extend at Washington Bressdo. D. C.

moters about May N.
First Lient Ende Raberts Group, Air Corps Sin., Washington, D. C., to networthy in the office of the Assistant See, of Was, provings in proctors status Mayol. N.

Long Scott E. Perk det USS Refer, to Non-Air Sta.

Loret Laster C. Rock det DRA James E. Poulding, to. Ferni Assister

Lord, Dick Kurfer det Ner: Air Sta., Pregnecks, to Yarul

Completion of Carriers Postponed

Army Air Orders

NATT Air Orders

T. M. to 1955 Meddebond

AVIATION

ALEXANDER

Welcome

Manufacturers!

We would to take this expertancer to the forest greening andastry in history. Consurried eviation

and we will beloven to make America

Numbers College-Landy Looks: French College Englerecks may be purchased on line perpents 2 desired. Authority ASSOCIATED WITH ALEXANDE PROPERTY

## EAGLEROCK

will error to know

apprecion of all inter-You will help us

with a mile I. Don Alexander 22 EAGLEROCK DEALERS

Past Class of Freedo-Window S Supports Perspects. Etc. 

Traine Economical S. Stock, Delic Qing, Thomas (no. -), and the control of the Co

#### In the Service of ILS A They find police about it you. They were ate they "WIVIN" became before given by

"pack" attached they from a satisfic Yes U. S. Navy and U. S. Air Mail service. Jordan Air Clotte Co., Inc.

523 Main Street. Bufale, N. T.

#### TO MAKE AMERICA IS THE PURPOSE OF THE

National Agrenautic Association In this effort it merits and invites YOUR congertation and support Regular Membership \$5.00 per Year NATIONAL HEADQUARTERS 1621 M. Steert, N.W., Washington, D. C.

The Weekly Issue of AVIATION That You Miss became you are not a results arbeinly, may restor the synche H my are a server to a redice fire AVIATION as on

g publishes now agrees and common of from even fine appears g and models; and more expected it in NESS when it common as ANTATON

AVIATION The Only Assessed IRELAND AIRCRAFT, INC.

GARDEN CITY, N. Y.

WACO Airplanes

The popular Model Nine new \$2050. The de Lesse Model Ten et \$2345. F.O.B. True, Ohio.

LUDINGTON EXHIBITION CO. \$10 Atlantic Suffdian Philadelphia, Pa-

MULTNOMAH SITKA SPRUCE "Is the wood" BECAUSE "Its hest by test"

For airplant construction To manufacture a counter grade for shipment

Stand or year impairies with distance, width MULTNOMAH LUMBER AND BOX CO. A Dependable Secure Service for 45 Terra

NITRATE DOPE IMMEDIATE

PODUCTION SHIPMENT Contractors to U.S. Army and Name

VAN SCHAACK BROS, CHEMICAL T/ODKS

Chef Corp Frederick A. Johnson Set Nov. Air Stn., Hamp-Pay Clock Pred Enterper &c. Nov. Air Sta. Paul Harbut, in Sec. Ship, Sen Francisco
Linet Energed C. Rub Act. VO. Scool. Three (1965) Mayunker), April Soned, Earth Flort, to Nor. Air Sta. Francisco (je) Wm D. Jahnson, jr., čet. VO Squad Three (Markoberd) Adversit Sound, Setz Flort, to Nav. Ale Sta.



Air Distance Recorder

March 23, 1927

PIONEER INSTRUMENT COMPANY PARTITION PART BOTTOM NICHOLAS-BEAZLEY AIRPLANE CO.

MARSHALL, MO FOR SALE Dark Jensey and Cornels \$400 to ners, feedings conversed \$100.00 handled \$17 last no-ted \$100.00 to \$100.00 Well never order and \$5 to deposit on any of obere slope and more free of charge until July In., 1923. You depend manual fully accord by commons.

HISSO MOTORS & PARTS Jennies, Bisso Jernies, Standards, Cornells

DAN ASSESSO TWOLE

AIRCRAFT DEVELOPMENT CORPORATION

THE AMERICA SCHOOL DISCUSSION

Rivary You Into Weekly

AMERICA'S CONCRESS CONSTRUCT PRODUCT GEO. A. WIES, INC.

Carron Fortal SEAMLESS STEEL TURING Made to Arresaft Specification 10215-D

ILLINOIS FLYING COMPANY 507 Locast Street, Steeling, Hillsein

AIRCRAFT SUPPLIES

Combine solurat valve mades threaded into CM and

HOTENSON MOTOR PRODUCTS, Inc. Exceptional Quality is material, sontonanable and design. THE G A O MANUFACTURING OF

- LIBERTY MOTORS

tracked near with support Army streaming as good conductor. YACKEY AIRCRAFT CO., FOREST PARK, HL

1 BRAND NEW S.V.A. Proved with a Hall Style to \$1000 to b. not Chalastered Field. Miles in married conduct. One mot CIK 5 PMD, and but 20 hears and had

on Pela Arana, at said front, Now York City,

E Arcelon, fac Meyrowitz LUXOR GOGGLES

of America's fact. "We of previne Ar abor wings shown Membership has \$1 or ablah arrows the seek of wisco.

John the ASPA Focuse a wember

WHERE TO PROCURE EQUIPMENT AND SERVICES

#### PUBLISHER'S NEWS LETTER

From the many letters that ANALYSIS has re-As is well known to the readers of AVACTORS caived from some of the Awital Service operation middlession but your of the seconds made by the past Usually, both were armiped under the

delake some and it is conflying to note that they

are being schooled generally and believe to clear

Pohene sender mutten of the town will

An helpful as these are as many may readen at raday statements. In the first ideas, we have and the word and to apply to coletion activities

crease Europe and gradually extenden to all

existence and have as no alternate purpose the extra-

al direct subsidy. This potent clear should be

up a condition that has been rejumbers and

Everyone—the Associational Chamber of Comnutics and finally President Cooliday new give America feet at the air and keeping at there. The

erics is an autosoften as to make a scalar of the on been bee arrand. On the other hand, if some of the element production of some of the air line period of housest competitive hidden that has

called my commercial areation. The conclusions that the public class were not only incorrect as to the commercial union of scatter abound, but stared twellers that we larged early belied

over the swand to the mounted Babbe. It we

do not excelled to any many the say transport com-Then, and then only, will the real result of the pages and the sensel country appropria former have had penducily all the publicity and Kathe Bill he known. During this needed of perparation it, perhaps, will be better to bold estudies that have considerable exercise recor-

Through additions to our more of your verying and these velocities of constant and skiller covered, molecular any more york new product or to some your product of the contract of the contrac

ATTENTION AVIATORS dogs

Ludington Philadelphia Flying Service

development. Also stress analysis and suspection Rates personable

TERRENCE F. BROWN

Distributory

Complete Lans of Suppless on Head GNS Mater Park Country Line

ALL BRANCHES CORMITRICAL AVIATION

DANIEL ROCHFORD

Avusara Editor, Emissa Econom Transcript

IN NEW ENGLAND NEWSPAPERS

A named is said weather

etts for helder. THE EMBRY-RIDDLE COMPANY, Inc.



REPORTED MAINIT PROPERTIES CO.

other adventions used that and hope's

We will send you by cours send a model accomplisas with full MILLER, PALMER CO., Dabuque, Icera

Daniel Goggenheim School of Aeronautica Courses in Americantrol Engreening and Indograd Assistion. For meticulars angle to the Dean of the College of Engineering, N. Y. University, University Heights, New York, N. Y.

ONE DOLLAR

Owners Amond Corp. To. To.

bed's de. The Clara L. Spreads, P is William Alvano Core.

When

SELLING EXCHANGING

Trv The Aircraft Service Directory

The Classified Section

EVERYTHING FOR THE AIRPLANE HASKELITE PLYWOOD Only Plywood made to man strict Goads "A" August de proper company of the proper of the property of th Can be furnished in sen size or thickness. CRATTORD ARPLANE COMPANY HASKELITE MANUFACTURING CORPORATION MANUFACTURE ARE COMPANY
MANUFACTURE OF THE CALIFORNIA
MANUFACTURE

SEAMLESS STEEL TUBING for Immediate Supreme in our Baconty

1415 Franklin St. CITY OFFICE, ATLANTIC H.DG., PHILADELPHIA, PA. SERVICE STEEL CO. ENGINEERING AND DESIGN CONSULTING enginees. New types of about

THE VIMALERY COMPANY, LTD 867 Gasfield Avenue. Joney City, N. J.

We will send you by many and a bounded not of storing affect when convert on the risk with pulley send, also constituted a send among to flagurate Privacy Artiff. These play pass fairly when by throught of privacy and the contents and demonstrate the flaguration of privacy and the contents and demonstrate the action of privacy and the contents and demonstrate the con-

We Specialize in Simple and Alloy Speels to U.S. Government Specificutions. Most proving any narried repulsible at our washinger THE DESCRIPTION STEEL COMPANY

Place Your Product Before the Industry by Advertising in

The Directory EDEIDED DEISNED AIDCRAFT CO. INC.

Wasa Distributors Rockey Bondey marts \$5.00, and revened for ruch with order. Butters and Coal Receive to HACEPSTOWN MARYLAND

Souple and officies, or need on POLECE absent \$32.55 each ATLANTIC AHERAPT CORPORATION Telephore Appear, Embured Souther, N. J. WILLIAM E. ABTHER & CO., INC. Engineers and Eucliders DEALERCE, DON'THE STYTEMS EQUIPMENT BY BUYING

AVIATION

It belodes

militable perman need apply. Tumusly good appartunity for wints recessed. Bins \$15 Avantum. Repolessed priets, sectionies, sirplane budden, and seen wome may the layer had experience about strelater, who do fire employment is situable substry. Seed tourity seeds for application black and adversariou. Box 571 Avarrant

FOR RALE: Custon DOS, 450 by restart. Worghs 650 is, knowly proved throughout. First riom combine guaranteed. Pry up your new H-boot. \$1500. Box 1006, Minut. POR RALE: Curtos Search, Lorenz att Yarkt and Lib-

ingles, Long Island, H. Y. FOR RALE. E.4 motor, All condition, completely overpropalic: bob, dr. Price 8500. Groups School, I Arnaddle Bood, Green Hiller, Screen Introd. N. Y. TROUGH MOREE OAL good preferrer, confiles re-

selant, surprise J. A. Rodgeny, 2015 by Ave. S. Minanbean subject and street conditions, who Chevrolet moder, Title

FOR RALE. Two OXS season, both as first clear condition,

FOR RALE OR TRADE CURRY Joney Mr. nov. to patchen, motor on newfeet southton, will demonstrate. E. S. POR SALP: Bed burns, social causes, Endown L con-

LOOK: 035 valve guides replace) with sorared as guides Le Rises noter Apply, West, Bull-Doon, Laur Direct

#### AFRONALITIC SAFETY CODE

March 18, 1927

A Communition at the Results of Four Years' Shady by Leading Engineers, and Government and Civilian Experts of the Aircraft Industry Society of Asingsolive Engineers, and Approved by the American Engineering Stondards Communes.

The Aeronautic Salety Code covers GOOD PRACTICE AND SAFE METHODS in the Design, Construction, Testing, Operation and Maintenance of Aircraft, Aircraft Engineer and Accessories, Airfornee and Aircraft Engineerat

SENSIBLE RULES OF THE ROAD A SAFETY PROVISIONS FOR FLYING AND

Fifteenen Paper - Well Indexed THOSE WHO WISH TO BUILD UP PUB-LIC CONFIDENCE IN AIR TRANSPORT

SINGLE COPIES \$1.50 A year's selecciplina to AVIATION (52 mass

\$4 00) and a copy of the Safety Code for \$5.00. Use the Coupen

Ester my subscription to AVIATION and mad me a copy of the AERO-NAUTIC SAFETY Code. Five dishave to cover in suclosed. Med to address below - copy or copis

of the AERONAUTIC SAFETY CODE, AT \$1.50 each, for which I (Name) ...... (Addess)

443,250 AVIATION

## WERE DISTRIBUTED DURING 1926

This distribution is many thousands in excess of the combined yearly distribution of all the other American

aircraft publications AVIATION carried during 1926 more paid advertising than way three other American aircraft publications combined.

Advertisers select AVIATION because it is preferred by aircraft manufacturing executives, engineers, commercial operators and pilots, and Government air officers.

This preference is logical because AVIATION best represents their interests and point of view, and is the only Arreview agerraft publication which comes to them weekly



Fisk Building, 57th Street at Broadway NEW YORK



## **ECLIPSE**

AVIATION ENGINE STARTERS

HAND ---ELECTRIC AND HAND HAND INERTIA ELECTRIC AND HAND INERTIA

#### FOR ALL SIZES OF ENGINES

A complete line of aviation starters for all requirements—backed

#### ECLIPSE MACHINE COMPANY

HOBOKEN PLANT

Elmira, New York

HOBOKEN, NEW IERSEY Walkerville, Ontario